

SCHOOL OF CIVIL ENGINEERING



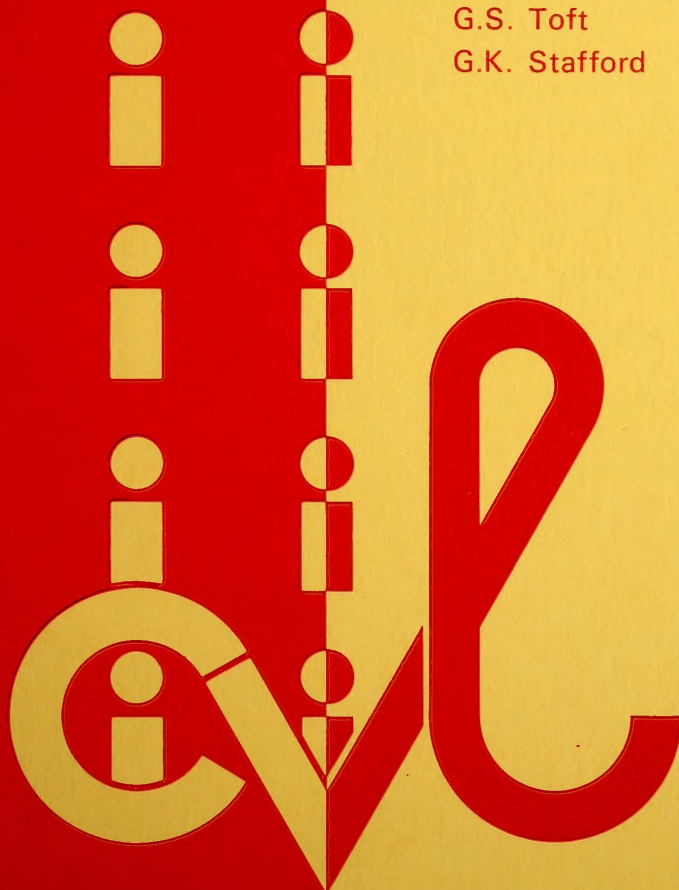
JOINT HIGHWAY RESEARCH PROJECT

JHRP-77-7

TRAFFIC SPEED REPORT NO. 99

G.S. Toft

G.K. Stafford



PURDUE UNIVERSITY
INDIANA STATE HIGHWAY COMMISSION

TRAFFIC SPEED REPORT NO. 99

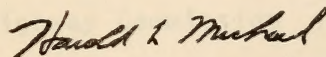
TO: J. F. McLaughlin, Director May 16, 1977
Joint Highway Research Project
File: 8-3-3
FROM: H. L. Michael, Associate Director
Joint Highway Research Project Project: C-36-10C

The attached Progress Report No. 99 on Traffic Speeds is the report of the October-December 1976 quarterly study of free-flowing automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. G. S. Toft, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data were collected by Mr. G. K. Stafford and a number of graduate assistants on our staff.

The results indicate similar speeds for all passenger cars as those of the July-September 1976 Study. The speeds of heavy trucks, however, were found to average 1.1 mph lower for this period than for the last quarter.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as fulfillment of the objectives of this HPR Part I Study. Copies of the report are requested for release to the Indiana State Police and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,



Harold L. Michael
Associate Director

HLM/ss

cc:	W. L. Dolch	M. L. Hayes	C. F. Scholer
	R. L. Eskew	K. R. Hoover	M. B. Scott
	G. D. Gibson	G. A. Leonards	K. C. Sinha
	W. H. Goetz	R. D. Miles	L. E. Wood
	M. J. Gutzwiller	P. L. Owens	E. J. Yoder
	G. K. Hallock	G. T. Satterly	S. R. Yoder
	D. E. Hancher		

Interim Report

TRAFFIC SPEED REPORT NO. 99

by

G. S. Toft
Graduate Instructor in Research

and

G. K. Stafford
Traffic Engineering Technician

Joint Highway Research Project

File No.: 8-3-3

Project No.: C-36-10C

Prepared as Part of an Investigation

Conducted by

Joint Highway Research Project
Engineering Experiment Station
Purdue University

in cooperation with the

Indiana State Highway Commission

and the

U. S. Department of Transportation
Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Federal Highway Administration.

Purdue University
West Lafayette, Indiana
May 16, 1977

INFORMAL REPORT

TRAFFIC SAFETY REPORT, APR. 60

BY

W. J. TAYLOR

Graduate Instructor in Research

AND

W. J. TAYLOR

Chief, Engineering Laboratory

Joint Highway Research Project

File No. 1-3-3

Project No. C-35-102

Presented as part of an investigation

Conducted by

Joint Highway Research Project

Engineering Laboratory

Indiana University

in connection with the

Indiana State Highway Commission

and

U. S. Department of Transportation

Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the author and not necessarily those of the Federal Highway Administration.

Indiana University
West Lafayette, Indiana
May 10, 1961

1. Report No. JHRP-77-7	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle TRAFFIC SPEED REPORT NO. 99		5. Report Date May 16, 1977	
		6. Performing Organization Code	
7. Author(s) G. S. Toft and G. K. Stafford		8. Performing Organization Report No. JHRP-77-7	
9. Performing Organization Name and Address Joint Highway Research Project Civil Engineering Building Purdue University West Lafayette, Indiana 47907		10. Work Unit No.	
		11. Contract or Grant No. HPR-1(14) Part I	
12. Sponsoring Agency Name and Address Indiana State Highway Commission State Office Building 100 North Senate Avenue Indianapolis, Indiana 46204		13. Type of Report and Period Covered Interim Report Oct.-Dec. 1976	
		14. Sponsoring Agency Code	
15. Supplementary Notes Conducted in cooperation with the U. S. Dept. of Transportation, Federal Highway Administration. Planning Study titled "Speed Trends for Indiana Highways".			
16. Abstract This report is another in the continuing study of speeds of vehicles on Indiana Highways. Observations of spot speeds were taken on interstate, four-lane and two-lane highways throughout the state during the months of November and December 1976. Analysis of the speeds showed the overall average speed for all vehicles was 57.3 mph. The overall average speed for passenger cars and all trucks was 58.0 mph and 56.1 mph, respectively. These overall average speeds were similar for passenger cars and 0.9 mph slower for trucks than the speeds found in the July-September 1976 Study (Speed Report No. 98). This decrease in truck speeds resulted from a 2.0 mph decrease in the average speeds of heavy trucks on the interstate system.			
17. Key Words Speeds, Highway Speeds, Rural Highway Speeds, Speed Trends, 55 mph Speed Effect		18. Distribution Statement No restrictions. This document is available to the public through the National Technical Information Service, Springfield, Virginia 22161.	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 44	22. Price

TRAFFIC SPEED REPORT NO. 99

This report is an analysis of spot speed observations made during November and December 1976. All observations were made of free-flowing vehicles on level, tangent sections of rural and urban highways during daylight and under favorable conditions.

The speed monitoring stations for each highway classification were divided into two groups. The first group is identified as "primary control stations" and studied from the same locations on selected Federal and State highways as used in the previous quarterly studies. The second group is selected at random for each quarterly study. A third group of "secondary control stations" is used only in the annual study conducted during the July-September quarter.

Fourteen speed monitoring stations were used for this reported study. Seven of these stations were the control stations noted above. The other seven stations were selected at random.

Stations were classified as two-lane, four-lane, rural interstate, or urban interstate highways. A representative sample of spot speeds was obtained at each station in each classification. The site locations were as follows: (See Figure A)

LYRASIS members and Sloan Foundation; Indiana Department of Transportation

Rural Interstate Highways

*RI-21 (I-69)	2.1 miles south of junction of SR 18
*RI-6 (I-65)	7.5 miles north of junction of SR 160
RI-3 (I-64)	At bridge Exit 72 (SR 145)
RI-16 (I-70)	0.6 mile east of Mile Marker 128, @ Bridge 400E

Four-lane Highways

*4L-32 (U.S. 30)	2.0 miles east of junction of SR 49
*4L-17 (U.S. 52)	.25 mile east of Co. Rd. 475W
4L-13 (U.S. 41)	NB: 4.3 miles south of SR 58 SB: @ Sullivan-Knox Co. Line
4L-14 (U.S. 40)	0.95 mile east of Stringtown

Two-lane Highways

*2L-18 (U.S. 35)	1.5 miles east of junction of I-69
*2L-54 (U.S. 231)	1.0 mile south of junction of SR 234
2L-7 (S.R. 46)	0.5 mile west of Gnaw Bone
2L-38 (S.R. 27)	2.0 miles south of College Corner

Urban Interstate Highways

*UL-6 (I-65)	East of White River Bridge
UL-4 (I-465)	NB: 15 Mile Bridge SB: @ 34th Street Bridge

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5000 lbs. gross weight) or Heavy (equal to or more than 5000 lbs. gross weight) Trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The maximum speed limit in Indiana is 55 miles per hour, both on Interstate and other rural highways.

*Control stations



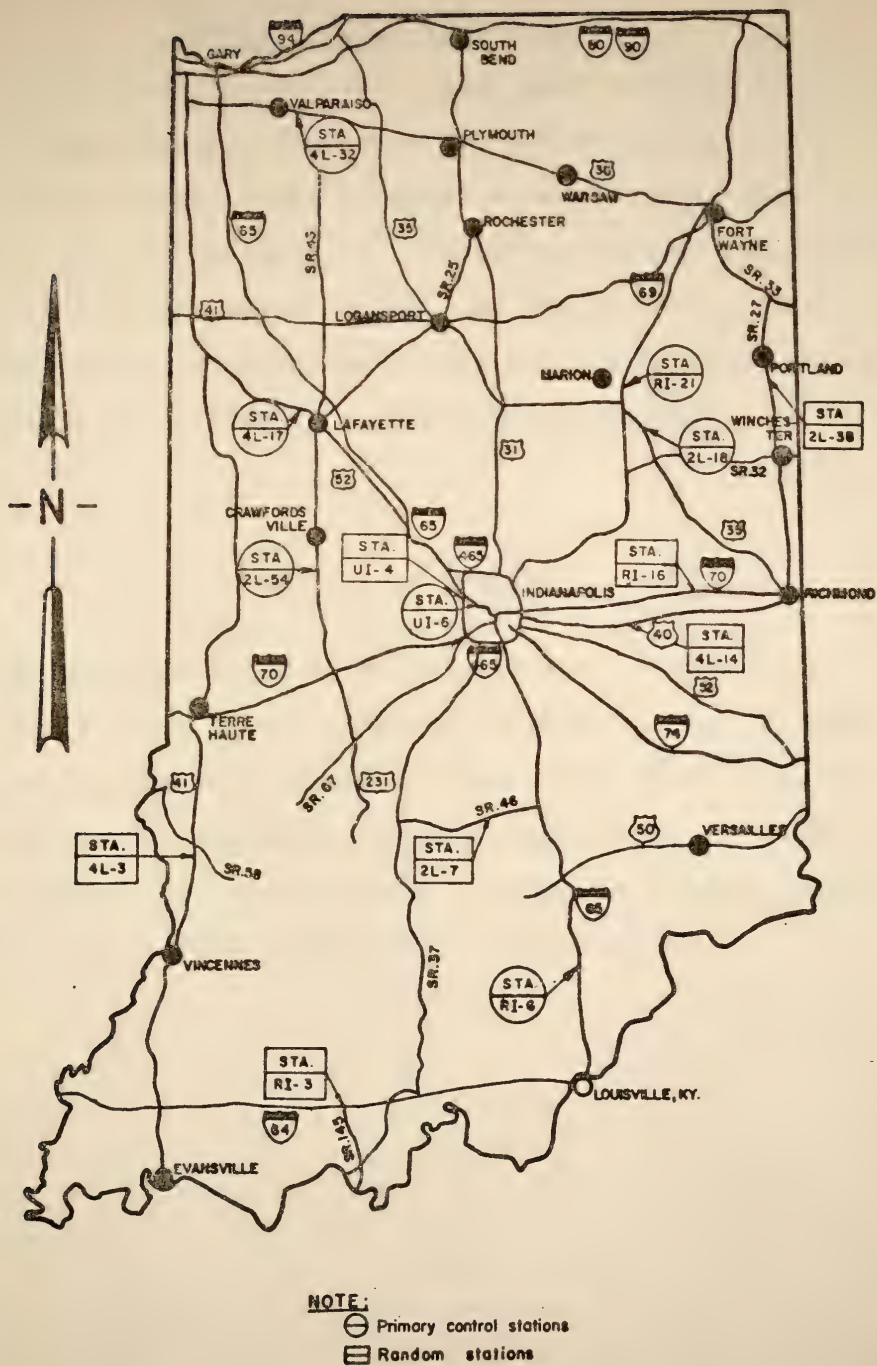


FIGURE A , LOCATIONS OF SPEED-STUDY STATIONS

Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was placed approximately four feet from the edge of the pavement at angles less than 10° with the highway center line. No corrections of speeds were necessary at these small angles. At the beginning of the study the accuracy of the meter was checked and any constant discrepancy of readings was corrected accordingly.

RESULTS OF ANALYSIS

The data collected were analyzed and are summarized in Tables 1 to 14 in the Appendix. Tables 15, 16, 17 and 18 summarize the data for rural interstate, four lane, two lane and urban interstate highways, respectively. Table 19 is the summary for all highways. Tables 20 through 34 are summaries in an FHWA format which is desired.

The average speed for each classification of vehicles on each type of highway for this study was as follows:

	<u>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	57.3	59.7	58.1	56.4
Non-Indiana	57.8	60.1	59.8	56.3
All Passenger Cars	57.3	59.9	58.3	56.4
85 Percentile (all)	61.2	64.5	63.7	61.4
<u>Trucks:</u>				
Less than 5000 lbs.	55.7	57.9	56.8	54.9
5000 lbs. or more	55.4	57.4	55.9	54.4
<u>All Vehicles:</u>				
Average	56.6	58.9	57.5	55.7
85 Percentile	60.7	63.6	62.7	60.8

The percent of vehicles exceeding the speed limit (55 mph) for each classification of vehicle and each type of highway was as follows:

	<u>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane</u>	
<u>Passenger Cars:</u>				
Indiana	64.9	79.9	68.6	55.7
Non-Indiana	75.9	81.7	75.4	56.6
All Passenger Cars	66.0	80.7	69.4	55.8
<u>Trucks:</u>				
Less than 5000 lbs.	51.9	65.7	55.7	47.3
5000 lbs. or more	49.3	63.1	57.4	45.0
<u>All Vehicles:</u>	60.0	73.7	64.2	52.1

The percent of vehicles traveling more than 5 mph above the speed limit (exceeding 60 mph) for each case was as follows:

	<u>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	23.2	40.3	31.5	21.2
Non-Indiana	22.2	44.9	42.4	22.2
All Passenger Cars	23.1	42.4	32.7	21.3
<u>Trucks:</u>				
Less than 5000 lbs.	11.6	31.4	26.1	14.3
5000 lbs. or more	13.5	24.9	20.6	12.0
<u>All Vehicles:</u>	19.2	35.8	28.8	18.2

The percent of vehicles traveling more than 10 miles per hour above the speed limit (exceeding 65 mph) for each case was as follows:

	<u>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	5.1	12.6	9.6	6.7
Non-Indiana	3.7	13.4	16.1	4.0
All Passenger Cars	5.0	13.0	10.3	6.5
<u>Trucks:</u>				
Less than 5000 lbs.	1.6	8.6	7.2	3.4
5000 lbs. or more	2.9	5.5	4.3	0.8
<u>All Vehicles:</u>	4.0	10.2	8.4	4.8

Summary and Conclusions

The overall average speed for all vehicles and passenger cars in this study was found to be 57.3 and 58.0 mph, respectively. The overall average speeds for heavy trucks and for all trucks were found to be 56.0 mph and 56.1 mph, respectively. These overall average speeds are about the same for all vehicles and passenger cars as the results of July-September 1976. However, the overall average speeds for heavy trucks and for all trucks are 1.1 mph and 0.9 mph, respectively, below the results for the July-September 1976 study.

Table A presents a comparison of the overall speed results with that of the previous two studies. The 85th percentile speed of passenger cars has risen slightly over the three periods under consideration, whereas the 85th percentile speed has fallen for trucks over the same period.

A comparison of October-December 1976 speed data with that for other recent periods for several types of highway for passenger cars and trucks is shown in Tables B, C, D and E.

The decrease in the average speed for all trucks occurred on all highway types, but most noticeably on urban interstate highways (as compared to the July-September 1976 study). On the other hand, the average speeds and 85th percentile speeds for passenger cars were about the same on rural interstate and 2-lane highways, while such speeds increased on other four-lane highways and decreased on urban interstate highways, from the July-September 1976 study.

TABLE A
COMPARISON OF THE OVERALL SPEED RESULTS

	Oct.-Dec. <u>1976</u>	July-Sept. <u>1976</u>	April-June <u>1976</u>
<u>Average:</u>			
All Passenger Cars	58.0	58.0	57.1
Heavy Trucks	56.0	57.1	56.6
All Trucks	56.1	57.0	56.1
<u>85 Percentile:</u>			
All Passenger Cars	63.0	62.7	61.8
Heavy Trucks	60.9	61.9	61.9
All Trucks	61.0	61.9	61.4
<u>15 Percentile:</u>			
Heavy Trucks	50.3	51.4	50.5

TABLE B
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (URBAN)

	Oct.-Dec. <u>1976</u>	July-Sept. <u>1976</u>	April-June <u>1976</u>	Jan.-Mar. <u>1976</u>
<u>Passenger Cars:</u>				
Indiana	57.3	58.4	57.5	57.2
Non-Indiana	57.8	58.6	57.8	57.5
All Passenger Cars	57.3	58.4	57.5	57.2
85 Percentile (all)	61.2	63.6	61.6	61.0
<u>Trucks:</u>				
Less than 5000 lbs.	55.7	57.7	56.4	57.0
5000 lbs. or more	55.4	57.3	54.8	54.4

TABLE C
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (RURAL)

	Oct.-Dec. <u>1976</u>	July-Sept. <u>1976</u>	April-June <u>1976</u>	Jan.-Mar. <u>1976</u>
<u>Passenger Cars:</u>				
Indiana	59.7	59.5	58.1	57.4
Non-Indiana	60.1	60.2	58.9	58.0
All Passenger Cars	59.9	59.8	58.6	57.5
85 Percentile (all)	64.5	64.3	62.5	61.8
<u>Trucks:</u>				
Less than 5000 lbs.	58.0	58.5	57.1	56.5
5000 lbs. or more	57.4	58.4	58.7	56.7

Table 1

Summary of the data for the first part of the study.

Year	1990	1991	1992	1993	1994	1995
1990	100	100	100	100	100	100
1991	100	100	100	100	100	100
1992	100	100	100	100	100	100
1993	100	100	100	100	100	100
1994	100	100	100	100	100	100
1995	100	100	100	100	100	100

Table 2

Summary of the data for the second part of the study.

Year	1990	1991	1992	1993	1994	1995
1990	100	100	100	100	100	100
1991	100	100	100	100	100	100
1992	100	100	100	100	100	100
1993	100	100	100	100	100	100
1994	100	100	100	100	100	100
1995	100	100	100	100	100	100

TABLE D
AVERAGE SPEEDS ON OTHER FOUR-LAND HIGHWAYS

	Oct.-Dec. <u>1976</u>	July-Sept. <u>1976</u>	April-June <u>1976</u>	Jan.-Mar. <u>1976</u>
<u>Passenger Cars:</u>				
Indiana	58.1	57.2	57.1	57.7
Non-Indiana	59.8	57.8	57.2	58.6
All Passenger Cars	58.3	57.3	57.1	57.8
85 Percentile (all)	63.7	61.8	61.9	62.2
<u>Trucks:</u>				
Less than 5000 lbs.	56.8	56.9	56.6	57.0
5000 lbs. or more	55.9	56.6	57.0	54.9

TABLE E
AVERAGE SPEEDS ON TWO-LANE HIGHWAYS

	Oct.-Dec. <u>1976</u>	July-Sept. <u>1976</u>	April-June <u>1976</u>	Jan.-Mar. <u>1976</u>
<u>Passenger Cars:</u>				
Indiana	56.4	56.4	55.3	56.4
Non-Indiana	56.3	57.8	55.3	55.9
All Passenger Cars	56.4	56.6	55.3	56.4
85 Percentile (all)	61.4	61.5	60.7	60.5
<u>Trucks:</u>				
Less than 5000 lbs.	54.9	55.6	53.5	55.2
5000 lbs. or more	54.4	55.4	53.5	53.4

TABLE 1 SPEED DATA

Station RI-21 Highway I-69 Location 2.1 Miles South of S.R. 18 Weather Pt. Cloudy

No. of Lanes 4 Type of Surface Concrete Last Previous Observation (Speed Report No. 98)

This Observation Date 11/8/76 Date 8/18/76

Time 10:55-11:55 AM NB Time 9:40 AM-12:05PM

Time 12:22-1:12 PM SB

	PASSENGER CARS										TRUCKS			
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.		Pres-	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
OBSERVATION														
No. of vehicles obs.	276	279	169	166	107	113	151	181	55	50	96	131		
Ave. speed (m.p.h.)	59.49	59.39	59.48	58.95	59.50	60.04	58.86	56.73	57.62	57.66	59.57	56.61		
Standard deviation	4.410	5.005	4.550	4.999	4.201	4.966	4.655	5.143	4.412	6.393	4.663	4.600		
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
39 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
44 m.p.h.	0	0	0	0	0	0	0	2.21	0	2.00	0	2.29		
49 m.p.h.	0.72	1.79	1.18	1.20	0	2.65	1.99	7.18	3.54	6.00	1.04	7.63		
54 m.p.h.	12.32	16.49	11.83	19.28	13.08	12.39	17.88	32.04	23.64	38.00	14.58	29.77		
59 m.p.h.	51.45	53.05	53.25	57.23	48.60	46.90	56.29	74.03	69.09	72.00	48.96	74.81		
64 m.p.h.	87.68	86.38	86.98	86.14	88.79	86.73	86.09	93.37	90.91	85.00	83.33	96.18		
69 m.p.h.	98.91	96.77	98.82	97.59	99.07	95.58	99.34	98.34	100.0	95.00	98.96	99.24		
74 m.p.h.	99.64	99.28	99.41	100.0	100.0	98.23	100.0	100.0	100.0	100.0	100.0	100.0		
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
No. of vehicles obs.	126	157	88	110	38	47	85	84	24	16	61	68		
Average speed	60.34	59.69	60.53	59.19	59.89	60.85	59.34	57.21	57.71	57.25	59.98	57.21		
No. of vehicles obs.	150	122	81	56	69	66	66	97	31	34	35	63		
Average speed	58.77	59.01	58.33	58.48	59.29	59.45	58.24	56.32	57.55	56.97	58.86	55.97		

TABLE 2 SPEED DATA

Station RI-6 Highway I-65 Location 7.5 Miles North of S.R. 160 Weather Clear

No. of Lanes 4 Type of Surface Concrete

This Observation Date 11/18/76 Last Previous Observation (Speed Report No. 98)
 Date 10:36-11:23 AM - NB Date 8-9-76
 Time 9:05-10:07 AM - SB Time 8:20-11:30 PM (Night)

	PASSENGER CARS										TRUCKS			
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.		Pres-	
	Last	Pres-	Last	Pres-	Last	Pres-	Last	Pres-	Last	Pres-	Last	Pres-	Last	Pres-
OBSERVATION		ent		ent		ent		ent		ent		ent		ent
No. of vehicles obs.	248	246	248	161	Not	85	172	195	21	45	151	149		
Ave. speed (m.p.h.)	57.77	60.09	57.97	60.45	re-	59.39	55.78	58.17	57.10	57.72	55.60	58.32		
Standard deviation	5.018	4.731	5.018	4.672	cord	4.791	3.837	4.823	3.032	4.241	3.909	4.953		
24 m.p.h.	0	0	0	0	ed	0	0	0	0	0	0	0		
29 m.p.h.	0	0	0	0		0	0	0	0	0	0	0		
34 m.p.h.	0	0	0	0		0	0	0	0	0	0	0		
39 m.p.h.	0	0	0	0		0	0	0	0	0	0	0		
44 m.p.h.	0.81	.41	0.81	0		1.18	0	0	0	0	0	0		
49 m.p.h.	2.82	.41	2.82	0		1.18	5.81	1.54	0	0	6.62	2.01		
54 m.p.h.	22.98	11.79	22.98	9.94		15.29	38.95	23.59	19.05	23.91	41.72	23.49		
59 m.p.h.	67.74	46.34	67.74	45.34		48.24	84.88	62.05	85.71	63.04	84.77	61.74		
64 m.p.h.	90.32	84.55	90.32	83.23		87.06	99.42	90.77	100.0	93.48	99.34	89.93		
69 m.p.h.	97.98	96.34	97.98	95.65		97.65	100.0	97.44	100.0	100.0	100.0	96.64		
74 m.p.h.	99.6	100.0	99.6	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		
79 m.p.h.	99.6	100.0	99.6	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		
84 m.p.h.	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		
89 m.p.h.	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		
No. of vehicles obs.	116	122	116	74		48	92	95	11	26	81	69		
Average speed	59.10	60.15	59.10	60.03		59.92	57.00	56.91	58.18	57.23	56.84	56.78		
No. of vehicles obs.	132	124	132	87		37	80	100	10	20	70	80		
Average speed	56.98	60.02	56.98	60.59		58.70	54.39	59.38	55.90	58.35	54.17	59.64		

TABLE 3 SPEED DATA

Station RI-3 Highway I-64 Location At Bridge Exit 72 (S.R. 143)

No. of Lanes 4 Type of Surface Asphalt Weather Clear

This Observation Date 11/17/76 Last Previous Observation (Speed Report No.)

Time 1:28-3:30 PM - WB Date None Taken

Time 3:50-5:35 PM - EB Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All			Indiana			Non-Indiana			All		
	Last	Pres- ent	Pres- ent	Last	Pres- ent	Pres- ent	Last	Pres- ent	Pres- ent	Last	Pres- ent	Pres- ent
No. of vehicles obs.		249			107			142		174		126
Ave. speed (m.p.h.)		60.96			60.64			61.21		58.82		58.97
Standard deviation		5.556			5.200			5.815		5.570		5.420
24 m.p.h.		0			0			0		0		0
29 m.p.h.		0			0			0		0		0
34 m.p.h.		0			0			0		0		0
39 m.p.h.		0			0			0		0		0
44 m.p.h.		0			0			0		0		0
49 m.p.h.		80			0.93			70		2.30		1.59
54 m.p.h.		12.05			9.35			14.08		25.86		24.60
59 m.p.h.		42.17			44.86			40.14		55.17		55.56
64 m.p.h.		75.10			78.50			72.54		85.63		84.98
69 m.p.h.		93.57			96.26			91.55		97.13		97.62
74 m.p.h.		99.20			99.07			99.30		99.43		99.21
79 m.p.h.		100.0			100.0			100.0		100.0		100.0
84 m.p.h.		100.0			100.0			100.0		100.0		100.0
89 m.p.h.		100.0			100.0			100.0		100.0		100.0
No. of vehicles obs.		137			64			73		15		52
Average speed		61.64			61.53			61.74		59.27		59.77
No. of vehicles obs.		112			43			69		99		74
Average speed		60.13			59.30			60.65		58.48		58.41

All Vehicles

End

TABLE 4 SPEED DATA

Station RI-16 Highway I-70 Location 0.6 Mile East of Mile 128, @ Bridge 400F
 No. of Lanes 4 Type of Surface Concrete Weather Cloudy
 This Observation Last Previous Observation (Speed Report No.)
 Date 11/11/76 Date None Taken
 Time 9:18-11:42 AM Time

	OBSERVATION	PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
		Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
All Vehicles	No. of vehicles obs.		299		147		152		205		31		174
	Ave. speed (m.p.h.)		59.30		59.03		59.55		56.59		59.00		56.16
	Standard deviation		5.062		5.016		5.109		4.333		4.597		4.152
	24 m.p.h.		0		0		0		0		0		0
	29 m.p.h.		0		0		0		0		0		0
	34 m.p.h.		0		0		0		0		0		0
	39 m.p.h.		0		0		0		0		0		0
	44 m.p.h.		0		0		0		0		0		0
	49 m.p.h.		1.67		2.04		1.32		4.39		0		5.17
	54 m.p.h.		13.71		14.97		12.50		35.61		16.13		39.02
	59 m.p.h.		58.19		61.22		55.26		75.12		51.61		79.31
	64 m.p.h.		85.95		85.71		86.18		94.63		83.87		96.55
	69 m.p.h.		96.66		97.28		96.05		100.0		100.0		100.0
End	74 m.p.h.		99.00		100.0		98.03		100.0		100.0		100.0
	79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	No. of vehicles obs.		143		70		73		95		14		81
End	Average speed		60.40		59.79		60.99		58.25		61.57		57.68
	No. of vehicles obs.		156		77		79		110		17		93
	Average speed		58.29		58.35		58.23		55.15		56.88		54.83

TABLE 5 SPEED DATA

Station 4L-32 Highway U.S. 30 Location At Co. Rd. 400E, 2.1 Miles East of S.R. 49
 No. of Lanes 4 Type of Surface Asphalt Weather Clear
 This Observation Date 11/3/76 Last Previous Observation (Speed Report No. 98)
 Time 9:30-12:35 AM Date 7/14/76 Time 3:34-5:43 PM

	PASSENGER CARS										TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs		>5000 lbs.		Pres-		Pres-	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
OBSERVATION																
No. of vehicles obs.	254	197	188	165	66	32	167	250	66	59	101	191				
Ave. speed (m.p.h.)	56.19	57.87	56.34	57.61	55.77	59.25	56.02	55.73	56.08	56.92	55.98	55.37				
Standard deviation	53.05	5.244	5.606	5.327	4.339	4.628	5.429	5.969	5.652	7.825	5.307	5.238				
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0				
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0				
34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0				
39 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0				
44 m.p.h.	1.57	1.02	2.13	1.21	0	0	0.60	.80	1.52	1.69	0	.52				
49 m.p.h.	9.06	4.57	9.57	5.45	7.58	0	1.80	5.60	4.55	8.47	0	4.71				
54 m.p.h.	35.43	25.38	34.57	27.27	37.88	15.63	40.72	38.40	36.36	33.90	43.56	39.79				
59 m.p.h.	76.38	62.44	76.60	64.85	75.76	59.00	79.04	77.20	81.82	62.17	77.23	81.68				
64 m.p.h.	94.49	90.86	93.09	91.52	98.48	87.50	93.41	94.00	93.94	84.75	93.07	96.86				
69 m.p.h.	97.64	97.97	96.81	97.85	100.0	100.0	99.40	93.40	100.0	95.22	99.01	100.0				
74 m.p.h.	99.61	100.0	99.47	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
No. of vehicles obs.	110	100	90	78	20	22	101	111	42	27	59	84				
Average speed	58.15	59.52	58.52	59.59	56.45	59.27	57.01	58.06	57.86	60.48	51.95	57.29				
No. of vehicles obs.	144	97	98	87	46	10	66	139	24	32	42	107				
Average speed	54.70	56.18	54.34	55.83	55.48	59.20	53.12	53.87	52.96	53.91	53.21	53.86				

TABLE 6 SPEED DATA

Station 4L-17 Highway U.S. 52 Location .25 Mile East of CO. RD. 475W
 No. of Lanes 4 Type of Surface Asphalt Weather Clear
 This Observation
 Date 11/1/76 Last Previous Observation (Speed Report No. 98)
 Time 9:25-2:40PM Date 8/27/76
 Time 1:45-4:20 PM

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	334	285	272	266	62	19	138	139	86	88	52	51
Ave. speed (m.p.h.)	57.11	57.23	56.93	57.25	57.98	56.89	56.26	55.30	57.23	55.26	54.65	54.33
Standard deviation	5.556	6.259	5.455	6.342	5.965	5.087	6.420	6.476	6.418	6.322	6.151	6.668
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
29 m.p.h.	0	0	0	0	0	0	0	.72	0	0	0	1.96
34 m.p.h.	0.30	0	0.37	0	0	0	0	.72	0	0	0	1.96
39 m.p.h.	0.60	0.70	0.74	0.75	0	0	1.45	2.16	1.16	1.14	1.92	3.92
44 m.p.h.	1.80	2.81	2.21	3.01	0	0	4.35	5.76	3.49	5.68	5.77	5.88
49 m.p.h.	6.59	10.53	6.25	11.28	8.06	0	12.32	11.51	9.30	9.09	17.31	15.69
54 m.p.h.	28.74	28.07	28.68	28.20	29.03	26.32	37.68	41.01	30.23	39.17	50.00	43.14
59 m.p.h.	69.46	64.21	10.96	63.91	62.90	62.42	68.34	73.42	65.12	77.27	75.00	80.39
64 m.p.h.	93.11	88.42	94.12	87.97	88.71	94.74	91.30	96.40	88.37	94.32	96.15	100.0
69 m.p.h.	98.80	97.19	98.9	96.99	98.39	100.0	99.28	97.84	98.84	95.59	100.0	100.0
74 m.p.h.	99.10	99.65	99.26	99.62	98.39	100.0	100.0	99.28	100.0	98.96	100.0	100.0
79 m.p.h.	100.0	99.65	100.0	99.62	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No. of vehicles obs. Average speed No. of vehicles obs. Average speed	153	151	127	147	26	4	57	61	44	40	13	21
	58.77	57.68	58.43	57.67	60.42	58.00	58.23	55.95	58.77	56.10	56.38	55.67
	181	134	145	119	36	15	81	78	42	48	39	30
	55.71	56.72	55.62	56.74	56.06	56.60	54.88	54.79	55.62	55.67	54.08	53.40

TABLE 7 SPEED DATA

4.3 Miles South of S.R. 58
NB: @ Sullivan-Knox County Line
SB:

Station 4L-3 Highway U.S. 41

No. of Lanes	Type of Surface	Concrete
4		

Weather Clear

This Observation

Last Previous Observation (Speed Report No. 92)

Date 11/15/76

Date 8/3/76

Time 12:04-4:15 PM

Time 9:12 AM - 1:25 PM

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	254	266	182	206	72	60	169	165	74	41	95	124
Ave. speed (m.p.h.)	57.58	60.24	57.51	59.95	57.75	61.57	58.49	59.45	57.82	61.05	59.00	58.92
Standard deviation	4.640	5.573	4.791	5.297	4.278	6.375	4.699	5.820	5.180	5.822	4.245	5.745
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
39 m.p.h.	0	.38	0	.49	0	0	0	0	0	0	0	0
44 m.p.h.	0	.75	0	.97	0	0	1.18	1.21	2.70	0	0	1.61
49 m.p.h.	3.94	1.50	3.85	1.46	4.17	1.67	2.96	4.24	2.70	2.44	3.16	4.84
54 m.p.h.	25.20	12.41	27.47	11.65	19.44	15.00	19.53	18.79	25.58	9.76	14.74	21.77
59 m.p.h.	69.29	48.50	70.88	50.97	65.28	40.00	60.36	49.09	63.51	36.59	57.89	53.23
64 m.p.h.	92.52	78.20	91.21	80.58	95.83	70.00	89.35	83.03	89.19	75.61	89.47	85.48
69 m.p.h.	99.21	93.61	98.90	95.15	100.0	88.33	98.82	95.76	97.30	92.68	100.0	96.77
74 m.p.h.	99.21	99.25	98.90	99.15	100.0	98.33	100.0	98.79	100.0	95.12	100.0	100.0
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No. of vehicles obs.	.25	127	78	99	47	28	86	87	33	17	53	70
Average speed	57.87	59.63	57.68	59.23	57.94	61.04	59.19	59.86	59.73	63.47	58.85	58.99
No. of vehicles obs.	129	139	104	107	25	32	83	78	41	24	42	54
Average speed	57.30	60.81	57.38	60.61	57.40	61.47	57.76	58.99	56.29	59.33	59.19	58.83

TABLE 8 SPEED DATA

Station 4L-14 Highway U.S. 40 Location .95 Mile East of Stringtown
 No. of Lanes 4 Type of Surface Asphalt Weather Clear
 This Observation Date 12/14/76 Last Previous Observation (Speed Report No.)
 Time 10:15-3:07 PM Date Not taken
 Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All			Indiana			Non-Indiana			All		
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	322	315	7	56,86	54,88	171	52	52,48	55,93	6,112	5,832	0
Ave. speed (m.p.h.)	57.76	57.78	0	0	0	0	0	0	0	0	0	0
Standard deviation	6,488	6,510	0	0	0	0	0	0	0	0	0	0
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
39 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
44 m.p.h.	1,24	1,27	0	0	0	0	0	1,75	1,84	11,54	23,08	57,69
49 m.p.h.	7,76	7,62	14,29	14,29	14,29	14,29	14,29	15,20	11,76	40,34	73,11	88,46
54 m.p.h.	26,40	26,67	42,86	42,86	42,86	42,86	42,86	45,61	40,34	96,64	98,32	100,0
59 m.p.h.	65,22	65,71	100,0	100,0	100,0	100,0	100,0	97,66	98,83	98,32	100,0	100,0
64 m.p.h.	85,09	86,35	100,0	100,0	100,0	100,0	100,0	98,83	98,32	100,0	100,0	100,0
69 m.p.h.	96,58	96,51	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
74 m.p.h.	98,45	98,41	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
79 m.p.h.	99,07	99,05	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
84 m.p.h.	99,38	99,37	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
89 m.p.h.	99,69	99,68	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
No. of vehicles obs.	156	153	3	59,33	54,76	86	29	56,16	56,16	62	55,73	53,09
Average speed	57.91	57.88	4	55.00	55.01	55.01	55.01	55.01	55.01	55.01	55.01	55.01
No. of vehicles obs.	166	162	4	55.00	55.01	55.01	55.01	55.01	55.01	55.01	55.01	55.01
Average speed	57.63	57.69	55.00	55.01	55.01	55.01	55.01	55.01	55.01	55.01	55.01	55.01

TABLE 9 SPEED DATA

Station 2L-18 Highway U.S. 35 Location 1.5 Miles East of I-69 Weather Pt. Cloudy

No. of Lanes 2 Type of Surface Asphalt

This Observation Date 11/8/76 Last Previous Observation (Speed Report No. 93)
 Date 8/18/76
 Time 2:23-4:15 PM Time 1:45-4:10 PM

	PASSENGER CARS										TRUCKS			
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.		Pres-	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
OBSERVATION														
No. of vehicles obs.	281	330	221	298	50	32	167	151	54	75	103	75		
Ave. speed (m.p.h.)	56.14	56.68	56.10	56.75	56.28	56.00	54.65	55.44	55.78	55.45	53.94	55.44		
Standard deviation	5.189	5.807	3.006	5.360	5.857	5.328	6.359	4.874	7.367	5.029	5.566	4.746		
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0		
34 m.p.h.	0.36	0	0	0	0	0	0	0	0	0	0	0		
39 m.p.h.	0.36	0	0	0	1.67	0	0	0	0	0	0	0		
44 m.p.h.	1.07	.91	.45	1.01	3.33	0	1.20	0	1.56	0	.97	0		
49 m.p.h.	8.19	6.67	8.60	6.71	6.67	6.25	17.37	11.26	3.13	2.63	7.77	4.00		
54 m.p.h.	37.72	42.12	38.01	36.24	36.67	34.38	49.70	40.40	12.50	11.84	20.39	10.67		
59 m.p.h.	76.16	76.36	77.83	75.17	70.00	87.50	85.03	97.47	85.94	78.95	54.37	41.33		
64 m.p.h.	93.95	91.21	94.12	90.94	93.33	93.75	95.81	98.01	92.19	97.37	84.47	80.00		
69 m.p.h.	98.93	96.36	98.64	96.31	100.0	96.88	99.90	100.0	98.94	100.0	98.06	98.67		
74 m.p.h.	99.64	98.79	99.55	98.66	100.0	100.0	99.40	100.0	100.0	100.0	100.0	100.0		
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
All Vehicles														
No. of vehicles obs.	145	165	110	149	35	15	92	75	39	37	53	38		
Average speed	55.96	57.72	56.02	57.84	55.77	56.62	54.20	55.51	54.87	56.14	53.70	54.89		
No. of vehicles obs.	136	165	111	149	25	16	75	76	25	39	50	37		
Average speed	56.33	55.64	56.18	55.66	57.00	55.37	55.20	55.38	57.20	54.79	54.20	56.00		

TABLE 10. SPEED DATA

Station 2L-54 Highway U.S. 231 Location .9 Mile South of S.R. 231
 No. of Lanes 2 Type of Surface Asphalt Weather Clear
 This Observation Last Previous Observation (Speed Report No. 93)
 Date 11/10/76 Date 8/13/76
 Time 10:10-1:10 PM Time 11:10 AM-1:50 PM

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	238	239	192	223	46	16	192	211	100	64	92	147
Ave. speed (m.p.h.)	56.86	57.35	57.02	57.23	58.07	58.94	56.13	55.36	55.71	55.84	56.68	55.06
Standard deviation	5.462	6.254	5.567	6.328	4.968	5.013	5.880	6.645	6.811	7.218	4.648	6.391
24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0	0
39 m.p.h.	42	42	52	45	0	0	52	190	100	156	0	204
44 m.p.h.	1.26	2.51	1.56	2.69	0	0	2.60	8.06	4.00	6.25	1.09	8.84
49 m.p.h.	6.72	8.79	8.33	8.97	0	6.25	10.42	16.11	14.0	21.88	6.52	13.61
54 m.p.h.	28.99	29.71	30.73	30.49	21.74	18.75	36.46	39.81	44.0	43.75	28.26	38.10
59 m.p.h.	71.01	69.46	70.31	69.96	73.91	62.50	78.13	72.99	80.0	68.75	76.09	74.83
64 m.p.h.	92.44	89.54	93.23	89.69	89.13	87.50	92.19	95.26	90.0	90.63	94.57	97.28
69 m.p.h.	98.74	96.23	99.48	95.96	95.65	100.0	97.40	98.58	97.0	96.88	97.83	99.32
74 m.p.h.	99.58	99.16	99.48	99.10	100.0	100.0	98.96	100.0	98.0	100.0	100.0	100.0
79 m.p.h.	100.0	99.58	100.0	99.55	100.0	100.0	99.48	100.0	99.0	100.0	100.0	100.0
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No. of vehicles obs.	118	137	98	133	20	4	102	99	55	27	47	72
Average speed	59.19	56.83	59.01	56.77	60.10	59.00	57.34	55.10	57.42	55.70	57.26	54.87
No. of vehicles obs.	120	102	94	90	26	12	90	112	45	37	45	75
Average speed	55.27	58.04	54.94	57.92	56.50	58.92	54.86	55.47	53.62	55.95	55.09	55.24

TABLE 11 SPEED DATA

Station 2L-7 Highway S.R. 46 Location .5 Mile West of Gnaaw Bone
 No. of Lanes 2 Type of Surface Concrete Weather Clear
 This Observation
 Date 11/19/76 Last Previous Observation (Speed Report No.)
 Time 8:25-11:40 AM Date Not taken Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.		342		326		16		144		93		51
Ave. speed (m.p.h.)		56.68		56.57		58.94		54.63		55.03		53.90
Standard deviation		5.935		6.005		3.714		5.366		5.478		5.127
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		0		0		0
34 m.p.h.		0		0		0		.69		0		1.96
39 m.p.h.		0		0		0		.69		0		1.96
44 m.p.h.		1.46		1.53		0		4.17		4.30		3.92
49 m.p.h.		11.11		11.66		0		13.89		13.98		13.73
54 m.p.h.		35.38		36.20		18.75		47.92		46.24		50.98
59 m.p.h.		73.39		74.54		50.00		86.11		81.72		94.12
64 m.p.h.		90.06		89.83		93.75		97.22		95.70		100.0
69 m.p.h.		97.08		96.93		100.0		100.0		100.0		100.0
74 m.p.h.		99.42		99.39		100.0		100.0		100.0		100.0
79 m.p.h.		99.42		99.39		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
No. of vehicles obs.		176		167		9		59		39		20
Average speed		56.82		56.74		58.44		54.78		56.26		51.90
No. of vehicles obs.		166		159		7		85		54		31
Average speed		56.54		56.40		59.57		54.53		54.15		55.19

All Vehicles

TABLE 12 SPEED DATA

Station 2L-38 Highway S.R. 27 Location 2 Miles South of College Corner
 No. of Lanes 2 Type of Surface Concrete Weather Fair
 This Observation Date 11/9/76 Last Previous Observation (Speed Report No.)
 Date 11/9/76 Date Not taken
 Time 8:50-11:55 AM Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All			Indiana			Non-Indiana			All		
	Last	Pres- ent	Last	Pres- ent	Last	Pres- ent	Last	Pres- ent	Last	Last	Pres- ent	Last
No. of vehicles obs.		256		221		35		204			95	
Ave. speed (m.p.h.)		54.77		54.86		54.23		53.25			53.52	
Standard deviation		5.580		5.612		5.418		5.988			6.528	
24 m.p.h.		0		0		0		0			0	
29 m.p.h.		0		0		0		0			0	
34 m.p.h.		0		0		0		0			0	
39 m.p.h.		.78		.90		0		.49			0	
44 m.p.h.		5.08		4.98		5.71		1.96			2.11	
49 m.p.h.		14.84		15.38		11.43		24.51			27.37	
54 m.p.h.		46.48		45.25		54.29		56.86			50.53	
59 m.p.h.		80.86		81.90		74.29		89.22			87.37	
64 m.p.h.		97.66		97.29		100.0		97.06			95.79	
69 m.p.h.		100.0		100.0		100.0		99.02			97.89	
74 m.p.h.		100.0		100.0		100.0		99.51			98.59	
79 m.p.h.		100.0		100.0		100.0		100.0			100.0	
84 m.p.h.		100.0		100.0		100.0		100.0			100.0	
89 m.p.h.		100.0		100.0		100.0		100.0			100.0	
# of vehicles traveling at or less than		124		110		14		96			48	
		54.51		54.59		53.86		55.33			55.06	
		132		111		21		108			47	
No. of vehicles obs.		55.02		55.12		54.48		51.39			51.94	
Average speed												
No. of vehicles obs.												
Average speed												

TABLE 13 SPEED DATA

Station UI-6 Highway I-65 Location East of White River Weather Pt. Cloudy
 No. of Lanes 6 Type of Surface Concrete
 This Observation
 Date 11/4/76 Last Previous Observation (Speed Report No. 98)
 Time 1:40-3:40PM Date 8/19/76
 Time 2:00-3:45 PM

	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
All Vehicles	No. of vehicles obs.	326	265	267	61	17	111	137	61	62	50	75
	Ave. speed (m.p.h.)	58.99	57.80	58.88	57.53	59.34	58.82	58.01	56.07	58.75	56.40	57.10
	Standard deviation	4.905	4.290	5.167	4.303	3.563	4.081	5.425	4.959	5.415	4.785	5.350
	24 m.p.h.	0	0	0	0	0	0	0	0	0	0	0
	29 m.p.h.	0	0	0	0	0	0	0	0	0	0	0
	34 m.p.h.	0	0	0	0	0	0	0	0	0	0	0
	39 m.p.h.	0	0	0	0	0	0	0	0	0	0	0
	44 m.p.h.	0	0	0	0	0	0	0	0	0	0	0
	49 m.p.h.	2.45	2.11	3.02	2.25	0	0	0.90	2.19	0	2.00	4.00
	54 m.p.h.	15.34	21.48	16.98	22.10	8.20	11.76	22.52	33.58	19.67	33.87	10.67
# of vehicles traveling at or less than	59 m.p.h.	57.67	65.85	58.87	65.92	52.46	64.71	60.36	78.10	52.46	72.58	82.67
	64 m.p.h.	87.12	94.37	86.04	94.76	91.80	88.24	86.49	97.08	81.97	96.77	92.0
	69 m.p.h.	97.24	99.65	96.98	99.63	98.36	100.0	99.10	98.54	100.0	96.77	98.0
	74 m.p.h.	99.08	100.0	98.87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	No. of vehicles obs.	162	135	135	127	27	8	48	75	23	32	43
	Average speed	57.41	57.63	57.39	57.57	57.56	58.62	56.52	55.95	56.57	56.62	55.44
	No. of vehicles obs.	164	149	130	140	34	9	63	62	38	30	32
	Average speed	60.51	57.59	60.44	57.39	60.76	59.00	59.14	56.21	60.08	56.17	56.25

TABLE 14 SPEED DATA

Station UI-4 Highway I-465 Location N.B.-@ 15 Mile Bridge
 No. of Lanes 6 Type of Surface Concrete S.B.-@ 34th Street Bridge Weather Cldy, Windy, Flurrie-
 This Observation Last Previous Observation (Speed Report No.)
 Date 11/4/76 Date Not taken
 Time 10:25-12:40 PM Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.		257		220		37		199		67		132
Ave. speed (m.p.h.)		56.79		56.70		57.27		55.13		55.13		55.12
Standard deviation		4.702		4.815		3.984		4.870		4.465		5.080
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		0		0		0
34 m.p.h.		0		0		0		0		0		0
39 m.p.h.		0		0		0		0		0		0
44 m.p.h.		39		45		0		50		0		76
49 m.p.h.		5.06		5.45		2.70		1.01		1.49		76
54 m.p.h.		29.18		30.91		18.92		40.20		40.30		40.15
59 m.p.h.		76.26		75.91		78.38		82.41		83.58		81.82
64 m.p.h.		93.77		93.18		97.30		97.99		100.0		96.97
69 m.p.h.		98.83		98.64		100.0		100.0		100.0		100.0
74 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
No. of vehicles obs.		127		109		18		118		36		82
Average speed		56.09		55.99		56.67		54.60		54.92		54.46
No. of vehicles obs.		130		111		19		81		31		50
Average speed		57.47		57.41		57.84		55.89		55.39		86.20

TABLE 15 SPEED DATA

Station _____	Interstate, _____	Location See Individual Stations	Weather _____
No. of Lanes _____	Highway Rural _____	Type of Surface _____	
This Observation Date Nov.-Dec. 1976 _____		Last Previous Observation (Speed Report No. _____)	
Time _____		Date _____	Time _____

OBSERVATION		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
		Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.			1073		581		492		755		175		580
Ave. speed (m.p.h.)			59.89		59.70		60.11		57.55		57.95		57.42
Standard deviation			5.130		5.000		5.275		5.038		5.477		4.896
24 m.p.h.			0		0		0		0		0		0
29 m.p.h.			0		0		0		0		0		0
34 m.p.h.			0		0		0		0		0		0
39 m.p.h.			0		0		0		0		0		0
44 m.p.h.			.09		0		.20		.53		.57		.52
49 m.p.h.			1.21		1.03		1.42		3.84		2.86		4.14
54 m.p.h.			13.61		13.77		13.41		29.40		28.00		29.83
59 m.p.h.			50.42		52.67		47.76		66.89		61.14		68.62
64 m.p.h.			83.22		83.82		82.52		91.26		88.00		92.24
69 m.p.h.			95.90		96.73		94.92		98.28		97.71		98.45
74 m.p.h.			99.35		99.83		98.78		99.87		100.0		99.83
79 m.p.h.			100.0		100.0		100.0		100.0		100.0		100.0
84 m.p.h.			100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.			100.0		100.0		100.0		100.0		100.0		100.0

All Vehicles

of vehicles
traveling at or less
than

TABLE 16 SPEED DATA

Station _____ Highway 4-Lane, Rural Location See Individual Stations
 No. of Lanes _____ Type of Surface _____ Weather _____

This Observation _____
 Date Nov.-Dec. 1976 _____
 Time _____
 Last Previous Observation (Speed Report No. _____)
 Date Not Pertinent _____
 Time _____

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.		1070		952		118		725		307		418
Ave. speed (m.p.h.)		58.26		58.07		59.75		56.30		56.79		55.94
Standard deviation		6.095		6.095		5.911		6.303		6.597		6.061
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		.14		0		.24
34 m.p.h.		0		0		0		.14		0		.24
39 m.p.h.		.28		.32		0		1.10		.98		1.20
44 m.p.h.		1.50		1.68		0		4.55		4.23		4.78
49 m.p.h.		6.36		6.93		1.69		11.31		10.10		12.20
54 m.p.h.		23.18		23.95		16.95		36.14		34.85		37.08
59 m.p.h.		60.28		61.87		47.46		71.17		67.43		73.92
64 m.p.h.		85.79		86.45		80.51		92.83		90.88		94.26
69 m.p.h.		96.26		96.53		94.07		97.79		96.09		99.04
74 m.p.h.		99.25		99.26		99.15		99.31		98.37		100.0
79 m.p.h.		99.63		99.58		100.0		100.0		100.0		100.0
84 m.p.h.		99.81		99.97		100.0		100.0		100.0		100.0
89 m.p.h.		99.91		99.89		100.0		100.0		100.0		100.0
% of vehicles traveling at or less than												

All Vehicles

TABLE 17 SPEED DATA

Station	Highway 2-Lane, Rural	Location See Individual Stations	Weather
No. of Lanes	Type of Surface		
This Observation	Last Previous Observation (Speed Report No.)		
Date Nov.-Dec. 1976	Date	Date	Date
Time	Time	Time	Time

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent
No. of vehicles obs.		1167		1068		99		710		328		382
Ave. speed (m.p.h.)		56.40		56.41		56.32		54.60		54.85		54.40
Standard deviation		5.952		6.004		5.381		5.916		6.110		5.744
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		0		0		0
34 m.p.h.		0		0		0		.28		0		0
39 m.p.h.		0.26		.28		0		1.27		.31		1.57
44 m.p.h.		2.31		2.34		2.02		5.77		5.18		6.28
49 m.p.h.		10.20		10.49		7.07		17.04		18.90		15.45
54 m.p.h.		36.85		36.89		36.36		46.48		45.43		47.38
59 m.p.h.		75.06		75.28		72.73		81.69		80.18		82.98
64 m.p.h.		91.95		91.67		94.95		96.76		95.12		98.17
69 m.p.h.		97.34		97.19		98.99		99.30		98.78		99.74
74 m.p.h.		99.31		99.25		100.0		99.86		99.70		100.0
79 m.p.h.		99.74		99.72		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0

All Vehicles

of vehicles
traveling at or less
than

TABLE 18 SPEED DATA

Station _____	Interstate.	Location See Individual Stations	Weather _____
No. of Lanes _____	Highway Urban	Type of Surface _____	
This Observation	Date Nov.-Dec. 1976	Last Previous Observation (Speed Report No. _____)	
Date _____	Time _____	Date _____	Time _____

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.		541		487		54		336		129		207
Ave. speed (m.p.h.)		57.32		57.27		57.76		55.51		55.74		55.36
Standard deviation		4.515		4.565		4.042		4.921		4.647		5.089
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		0		0		0
34 m.p.h.		0		0		0		0		0		0
39 m.p.h.		0		0		0		0		0		0
44 m.p.h.		.18		.21		0		.30		0		.48
49 m.p.h.		3.51		3.70		1.85		1.49		.78		1.93
54 m.p.h.		25.14		26.08		16.67		37.50		10.08		13.53
59 m.p.h.		70.79		70.43		74.07		80.65		37.21		37.68
64 m.p.h.		94.09		94.05		94.44		97.62		78.29		82.13
69 m.p.h.		99.26		99.18		100.0		99.40		98.45		97.10
74 m.p.h.		100.0		100.0		100.0		100.0		98.45		100.0
79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0

All Vehicles

of vehicles
traveling at or less
than

TABLE 19 SPEED DATA

Station _____	Indiana _____	Location See Individual Stations _____	Weather _____
Highway _____	System _____		
No. of Lanes _____	Type of Surface _____		
This Observation _____		Last Previous Observation (Speed Report No. _____)	
Date Nov.-Dec. 1976 _____		Date Not Pertinent _____	
Time _____		Time _____	

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.		3851		3088		763		2526		939		1587
Ave. speed (m.p.h.)		58.02		57.68		59.40		56.09		56.18		56.03
Standard deviation		5.752		5.770		5.470		5.773		6.089		5.578
24 m.p.h.		0		0		0		0		0		0
29 m.p.h.		0		0		0		0.04		0		.06
34 m.p.h.		0		0		0		.12		0		.19
39 m.p.h.		.16		.19		0		.71		.64		.76
44 m.p.h.		1.17		1.36		.39		3.29		3.41		3.21
49 m.p.h.		5.69		6.54		2.23		10.81		11.82		10.21
54 m.p.h.		24.93		26.85		17.17		37.21		37.59		36.99
59 m.p.h.		63.49		66.13		52.82		74.11		72.20		75.24
64 m.p.h.		88.11		88.96		84.67		94.10		92.86		94.83
69 m.p.h.		96.91		97.22		95.67		98.57		97.66		99.12
74 m.p.h.		99.40		99.48		99.08		99.72		99.36		99.94
79 m.p.h.		99.82		99.77		100.0		100.0		100.0		100.0
84 m.p.h.		99.95		99.94		100.0		100.0		100.0		100.0
89 m.p.h.		99.97		99.97		100.0		100.0		100.0		100.0

All Vehicles

% of vehicles
traveling at or less
than

TABLE 20

Monitoring of Speed
(Statistical Summary)☒ Quarterly Report--Calendar Quarter Ending Dec. 31, 1976

or

☐ Annual Report--Year Ending _____STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	2	877	3.2	56.6	56.2	60.7	60	19	14
Interstate Rural	849	4	1828	9.1	58.9	58.1	63.6	74	36	10
Multi-lane, Divided	657	4	1795	14.3	57.5	57.0	62.7	64	29	8
Multi-lane, Undivided			(included in multi-lane, divided classification)							
2-Lane, Rural	8030	4	1877	11.2	55.7	55.3	60.8	52	18	5
State Total	9754	14	6377	33.8	57.2	56.6	62.2	63	26	7

TABLE 21

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Rural Interstate		
STATION NUMBER	RI-6	LOCATION	I-65, 7.5 miles N. of S.R. 160
NUMBER OF SESSIONS	1	DATES	11/18/76
		VEHICLES MEASURED	441
AVERAGE SPEED (MPH)	59.2	STANDARD DEVIATION (MPH)	4.9
MEDIAN SPEED (MPH)	58.6	85TH PERCENTILE SPEED (MPH)	63.6
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	78	60 MPH:	37
		65 MPH:	10

TABLE 22
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Rural Interstate		
STATION NUMBER RI-21	LOCATION	I-69, 2.1 mile S. of S.R. 18	
NUMBER OF SESSIONS	1	DATES 11/18/76	VEHICLES MEASURED 460
AVERAGE SPEED (MPH)	58.3	STANDARD DEVIATION (MPH)	5.2
MEDIAN SPEED (MPH)	57.8	85TH PERCENTILE SPEED (MPH)	62.6
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	95	60 MPH:	31
		65 MPH:	11

TABLE 23
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Rural Interstate
 STATION NUMBER RI-3 LOCATION I-64, @ Bridge, Exit 72 (S.R. 145)
 NUMBER OF SESSIONS 1 DATES 11/17/76 VEHICLES MEASURED 423
 AVERAGE SPEED (MPH) 60.1 STANDARD DEVIATION (MPH) 5.7
 MEDIAN SPEED (MPH) 59.5 85TH PERCENTILE SPEED (MPH) 65.4
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH: 78 60 MPH: 48 65 MPH: 16

TABLE 25
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-Lane (Rural)
 STATION NUMBER 4L-17 LOCATION U.S. 52, 30 yds. E. of Co. Rd. 475W
 NUMBER OF SESSIONS 1 DATES 11/1/76 VEHICLES MEASURED 424
 AVERAGE SPEED (MPH) 56.6 STANDARD DEVIATION (MPH) 6.4
 MEDIAN SPEED (MPH) 56.2 85TH PERCENTILE SPEED (MPH) 61.4
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH: 58 60 MPH: 23 65 MPH: 7

TABLE 26

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-Lane, DividedSTATION NUMBER 4L-32 LOCATION U.S. 30, 2.1 mi. E of S.R. 49, at Co. Rd. 400ENUMBER OF SESSIONS 1 DATES 11/3/76 VEHICLES MEASURED 447AVERAGE SPEED (MPH) 56.7 STANDARD DEVIATION (MPH) 5.8MEDIAN SPEED (MPH) 56.4 85TH PERCENTILE SPEED (MPH) 61.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 62 60 MPH: 24 65 MPH: 5

TABLE 27
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Multi-Lane, Divided		
STATION NUMBER	4L-3	LOCATION	NB, 4.3 mi. S. of S.R. 58W U.S. 41; SB, @ Sullivan-Knox Co. Line
NUMBER OF SESSIONS	1	DATES	11/15/76
VEHICLES MEASURED 431			
AVERAGE SPEED (MPH)	59.9	STANDARD DEVIATION (MPH)	5.7
MEDIAN SPEED (MPH)	59.2	85TH PERCENTILE SPEED (MPH)	64.9
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	79	60 MPH:	44
		65 MPH:	15

TABLE 28
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-Lane, Divided
 STATION NUMBER 4L-14 LOCATION U.S. 40, .95 mi. E. of String Town
 NUMBER OF SESSIONS 1 DATES 12/14/76 VEHICLES MEASURED 439
 AVERAGE SPEED (MPH) 56.8 STANDARD DEVIATION (MPH) 6.5
 MEDIAN SPEED (MPH) 56.0 85TH PERCENTILE SPEED (MPH) 61.9
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH: 58 60 MPH: 24 65 MPH: 7

TABLE 29
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Two Lane, Rural		
STATION NUMBER	21-18	LOCATION	U.S. 35, 1.5 mi. E. of I-69
NUMBER OF SESSIONS	1	DATES	11/8/76
		VEHICLES MEASURED	481
AVERAGE SPEED (MPH)	56.3	STANDARD DEVIATION (MPH)	5.6
MEDIAN SPEED (MPH)	55.6	85TH PERCENTILE SPEED (MPH)	60.5
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	56	60 MPH:	17
		65 MPH:	5

TABLE 30

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two Lane Rural
 STATION NUMBER 21-54 LOCATION U.S. 231, .9 mi. S. of S.R. 234
 NUMBER OF SESSIONS 1 DATES 11/10/76 VEHICLES MEASURED 450
 AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION (MPH) 6.5
 MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 61.9
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH: 58 60 MPH: 25 65 MPH: 7

TABLE 31
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two Lane Rural

STATION NUMBER 2L-7 LOCATION S.P. 46, .5 mi. W of Klaw Bone

NUMBER OF SESSIONS 1 DATES 11/19/76 VEHICLES MEASURED 486

AVERAGE SPEED (MPH) 56.1 STANDARD DEVIATION (MPH) 45.8

MEDIAN SPEED (MPH) 55.5 85TH PERCENTILE SPEED (MPH) 62.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 54 60 MPH: 19 65 MPH: 6

TABLE 32
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two Lane, Rural
 STATION NUMBER 2L-38 LOCATION S.P. 27, 2 mi. S. of College Corner
 NUMBER OF SESSIONS 1 DATES 11/9/76 VEHICLES MEASURED 460
 AVERAGE SPEED (MPH) 54.1 STANDARD DEVIATION (MPH) 5.8
 MEDIAN SPEED (MPH) 53.9 85TH PERCENTILE SPEED (MPH) 59.1
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH: 41 60 MPH: 12 65 MPH: 2

TABLE 33
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Urban Interstate		
STATION NUMBER	UI-6	LOCATION	I-65, E. of White River
NUMBER OF SESSIONS	1	DATES	11/4/76
		VEHICLES MEASURED	421
AVERAGE SPEED (MPH)	57.2	STANDARD DEVIATION (MPH)	4.6
MEDIAN SPEED (MPH)	56.6	85TH PERCENTILE SPEED (MPH)	61.1
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	66	60 MPH:	23
		65 MPH:	5

TABLE 34
SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	Urban Interstate		
STATION NUMBER	UI-4	LOCATION	NB, @ 15 mi. Bridge I-465; SB, @ 34th St. Bridge
NUMBER OF SESSIONS	1	DATES	11/4/76 VEHICLES MEASURED 456
AVERAGE SPEED (MPH)	56.1	STANDARD DEVIATION (MPH)	4.8
MEDIAN SPEED (MPH)	55.6	85TH PERCENTILE SPEED (MPH)	60.1
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH:	55	60 MPH:	16
		65 MPH:	4

COVER DESIGN BY ALDO GIORGINI